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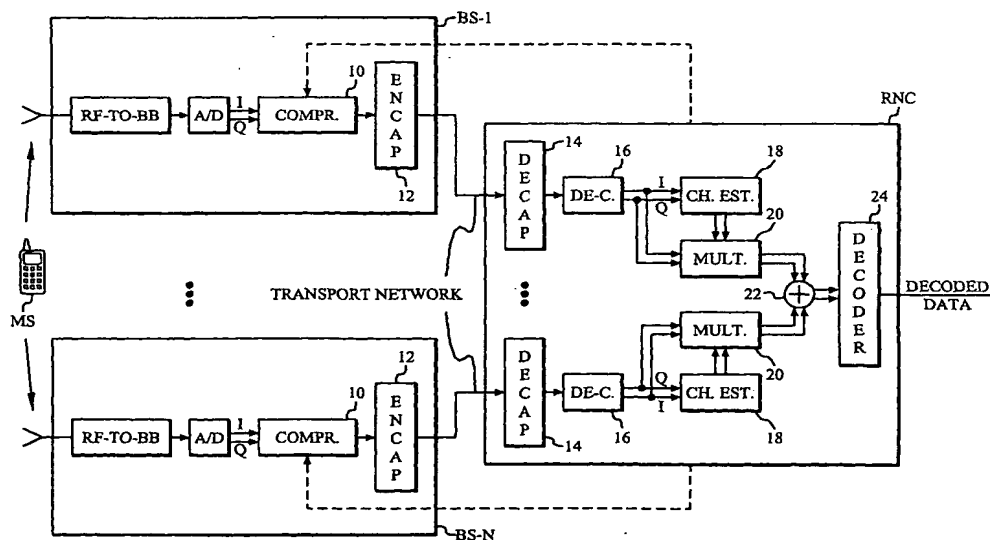
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(54) Title: INFORMATION TRANSFER METHOD AND SYSTEM



(57) Abstract: A multiple path information transfer system in a cellular radio network includes several receivers (BS-1, ..., BS-N) for receiving radio signals representing digital information from at least one signal source. From each received radio signal a corresponding digitized baseband signal that contains soft information is extracted. Compressing units (10) compress the soft information to produce compressed baseband signals. These compressed signals are forwarded to a combining unit over a transport network. A de-compressor (16) de-compresses the forwarded signals to at least approximately restore the baseband signals. The de-compressed signals are combined (18-22) and the combined signal is decoded to at least approximately restore the digital information.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*